

REMARKS

Claims 1, 7 and 14 have been amended. Claims 1 and 3 to 14 remain active in this application.

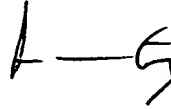
An amendment to the specification and proposed drawing correction which is attached hereto are provided to more clearly set forth the method as originally disclosed. Figure 1E follows directly from Figure 1D since it is stated to be a part of the same process flow ("various stages of fabrication in accordance with one embodiment of the present invention") and therefore must conform to the step set forth through Figure 1D, which is now clearly the case. Approval is respectfully requested.

Claims 1 and 3 to 17 were rejected under 35 U.S.C. 112, first paragraph, as containing subject matter which was not described in the specification in such a way as to reasonably convey to one skilled in the relevant art that the inventor(s), at the time the application was filed, had possession of the claimed invention. While applicant disagrees with this rejection since there is a definite relation between dopant concentration and charge-carrier mobility, the claims have been revised to remove such verbiage and to more clearly demonstrate readability on the disclosure as originally filed. It is respectfully submitted that the specification expressly clearly states that the second doped region (26) is the primary conduction channel and has greater charge-carrier mobility than conventional surface channels, this being the case of the first doped region, reference being made to page 7, lines 3 to 7.

Since none of the claims have been rejected on prior art, it is assumed that these claims should now be allowable in view of the arguments presented above with reference to the rejection under section 112, first paragraph.

In view of the above remarks, favorable reconsideration and allowance are respectfully requested.

Respectfully submitted,

A handwritten signature in black ink, appearing to read "J-M-C", is written over a long, sweeping horizontal line that extends to the right.

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